

Sequence Match Listing for seq ID NO Y2

Mon Mar 24 09:16:41 2003 us-09-97

SPNT

NCBI_HUMAN STANDARD: PRT. 165 AA.
AC Q16617
DT 15-DEC-1998 (Rel 37, Created)
DT 15-DEC-1998 (Rel 37, Last sequence update)
DT 15-JUN-2002 (Rel 41, Last annotation update)
DE Protein NKG7 (Natural killer cell protein 7) (G-CSF-induced gene)
DE Protein NKG7 (Protein GIG-1)
GN NKG7 OR GIG1
OS Homo sapiens (Human)
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RX MEDLINE-93209815; PubMed-8458737;
RA Turman M.A., Yabe T., McSherry C., Bach F.H., Houchins J.P.;
RT "Characterization of a novel gene (NKG7) on human chromosome 19 that
RL is expressed in natural killer cells and T cells."
RN [2]
RP SEQUENCE FROM N.A.
RX MEDLINE-94168584; PubMed-7510105;
RA Shimane M., Tani K., Maruyama K., Takahashi S., Ozawa K., Asano S.;
RT "Molecular cloning and characterization of G-CSF induced gene cDNA."
RL Biochem. Biophys. Res. Commun. 199;26-32(1994).
RN [3]
RP SEQUENCE FROM N.A.
RX Church R.L., Li X.L., Wang J.H.;
RT "Human chromosome 19q13.4 DNA sequence, including complete sequence
RL for LIM2 and NKG7."
RN [4]
RP SEQUENCE FROM N.A.
RX Strausberg R.;
RT Submitted (SEP-2000) to the EMBL/GenBank/DBJ databases.
RN [5]
RP TISSUE SPECIFICITY: EXPRESSED IN ACTIVATED T CELLS, IN KIDNEY
RL LIVER, LUNG AND PANCREAS. NOT EXPRESSED IN BRAIN, HEART, OR
RN SKELETAL MUSCLE. EXPRESSED AT HIGH LEVELS IN TCR GAMMA DELTA-
RN EXPRESSING CTL CLONES, AND IN SOME TCR ALPHA BETA-EXPRESSING CTL
RN CLONES (BOTH CD4+ AND CD8+), BUT IS NOT EXPRESSED IN OTHER TCR
RN ALPHA BETA-EXPRESSING CTL CLONES AND IN CELL LINES REPRESENTING B
RN CELLS, MONOCYTES, AND MYELOID CELLS.
RN INDUCTION: BY G-CSF.
RN SIMILARITY: BELONGS TO THE PMP-22 / EMP / MP20 FAMILY.
This SWISS-PROT entry is copyright. It is produced through a collaboration
between the Swiss Institute of Bioinformatics and the EMBL outstation
the European Bioinformatics Institute. There are no restrictions on its
use by non-profit institutions as long as its content is in no way
modified and this statement is not removed. Usage by and for commercial
entities requires a license agreement (See <http://www.isb-sib.ch/announce/>
or send an email to license@isb-sib.ch).

Query Match 40.9% Score 325.52 DB 13 Length 165.
Host Local Similarity 65.3% Pred No. 3,1e-21
Matches 66; Conservative 0; Mismatches 0; Gaps 0
47 1 MELCRSLALLGGSLGLMFLIALSTDFEAVGPTTHSAHSGLMPTGHDIIIS
26 1 MELCRSLALLGGSLGLMFLIALSTDFEAVGPTTHSAHSGLMPTGHDIIISVYHTQT
47 53 -----GNGPLVSTTAFAAA 66
48 61 FSTMAVLWALVSFLVLSCLPSPSLPPAGRGPCVSTTAFAAA 101